

Abstract

S.N. 09/626 900

## Apparatus for scanning optical recording media

The present invention relates to an apparatus for reading and/or writing data markings of an optical recording medium having data markings arranged along a track and header markings arranged laterally offset with respect to the centre of this track, and the apparatus itself has a header identification unit.

The object of the invention is to propose an apparatus in which an intermediate track signal is formed, which enables direction identification during the traversal of tracks.

According to the invention, this object is achieved by virtue of the fact that the apparatus furthermore has a header sequence detector, a track crossing detector and an intermediate track detector, which is connected to outputs of the header identification unit, of the track crossing detector and of the header sequence detector, and generates an intermediate track signal.

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